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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE RECD	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
60/452,816	03/10/2003	80				1	

Edwin Burton Hatch  
610 North 18th Ave.  
West Bend, WI 53090

CONFIRMATION NO. 3166

FILING RECEIPT

[REDACTED]

\*OC000000009905121\*

Date Mailed: 04/24/2003

Receipt is acknowledged of this provisional Patent Application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Edwin Burton Hatch, West Bend, WI;

**If Required, Foreign Filing License Granted: 04/24/2003**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

Medicated chewing gum identification and method of production

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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**PROVISIONAL APPLICATION FOR PATENT COVER SHEET**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

Express Mail Label No. \_\_\_\_\_

**INVENTOR(S)**

Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Edwin Burton	Hatch	West Bend, Wisconsin, 53090

 Additional inventors are being named on the \_\_\_\_\_ separately numbered sheets attached hereto**TITLE OF THE INVENTION (500 characters max)**

Medicated chewing gum identification and method of production

Direct all correspondence to:

**CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number	_____	→
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<input type="checkbox"/> Firm or Individual Name	Edwin Burton Hatch				
Address	[ email address: ehid@charter.net ]				
Address	610 North 18th Ave.				
City	West Bend	State	Wisconsin	ZIP	53090
Country	U.S. A.	Telephone	[262] 334-9370		Fax

**ENCLOSED APPLICATION PARTS (check all that apply)**

<input type="checkbox"/> Specification	Number of Pages	3	<input type="checkbox"/> CD(s), Number	none
<input type="checkbox"/> Drawing(s)	Number of Sheets	1	<input type="checkbox"/> Other (specify)	_____
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76				

**METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT**

- Applicant claims small entity status. See 37 CFR 1.27.  
 A check or money order is enclosed to cover the filing fees  
 The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number: \_\_\_\_\_  
 Payment by credit card. Form PTO-2038 is attached.

FILING FEE  
AMOUNT (\$)

\$80.00

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

 No. Yes, the name of the U.S. Government agency and the Government contract number are: \_\_\_\_\_

Respectfully submitted,

Date **3/1/2003**

SIGNATURE \_\_\_\_\_

TYPED or PRINTED NAME **Edwin Burton Hatch**REGISTRATION NO.  
(if appropriate)  
Docket Number: \_\_\_\_\_TELEPHONE **[262] 334-9370****USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

This collection of information is required by 37 CFR 1.51. The information is used by the public to file (and by the PTO to process) a provisional application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete provisional application to the PTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Box Provisional Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

**PROVISIONAL PATENT APPLICATION**  
**March 1, 2003**

**Title of Invention:** Medicated chewing gum identification and method of production.

**Abstract:** The printing of edible colored material in patterns on medicated chewing gum products to identify the medications present and the incorporation of medications into the edible printed colored pattern material to be printed onto chewing gum to create medicated chewing gum products.

**Inventor:**

Edwin B. Hatch, 610 North 18th Ave., West Bend Wisconsin, 53090

**References Cited:**

6,465,003	Oct. 15, 2002	Ream et al.
5,866,179	Feb. 2, 1999	Testa
5,554,380	Sep. 10, 1996	Cuca et al.
4,753,800	Jun. 28, 1988	Mozda
4,639,368	Jan. 27, 1987	Niazi

**Claims:**

We claim:

1. The printing of edible colored materials in patterns on the surface of medicated chewing gum by, but not limited to, silk screen printing, or by ink jet printing or other printing processes, in various colors and patterns, including bar code patterns, for the purposes of identifying the medications present, the dosages present, the manufacturer of the medicated chewing gum, and tracing the batch formulations of the medicated chewing gum.
2. The method in claim 1 wherein the edible colored materials are printed in various colors and patterns on the surface of said medicated chewing gum by a rotary silk screening process.
3. The method in claim 1 wherein the edible colored materials are printed in various colors and patterns on the surface of said medicated chewing gum wherein the said medicated chewing gum is formulated by batch mixing controlled amounts of the required medications into the formulation of the medicated chewing gum base.
4. The inclusion of the required medications into the edible colored materials to be printed in various colors and patterns by, but not limited to, silk screen printing, or by ink jet printing or other printing processes, onto non-medicated generic chewing gum to thereby produce medicated chewing gum products.
5. The method in claim 4 wherein the dosage of medication printed onto the said non-medicated generic chewing gum is regulated by the concentration of the said medication included in the edible colored materials to be printed and also by the amount of the medicated colored material printed onto the said non-medicated generic chewing gum to thereby produce medicated chewing gum products.

# Medicated Chewing Gum Identification Page 4 of 4

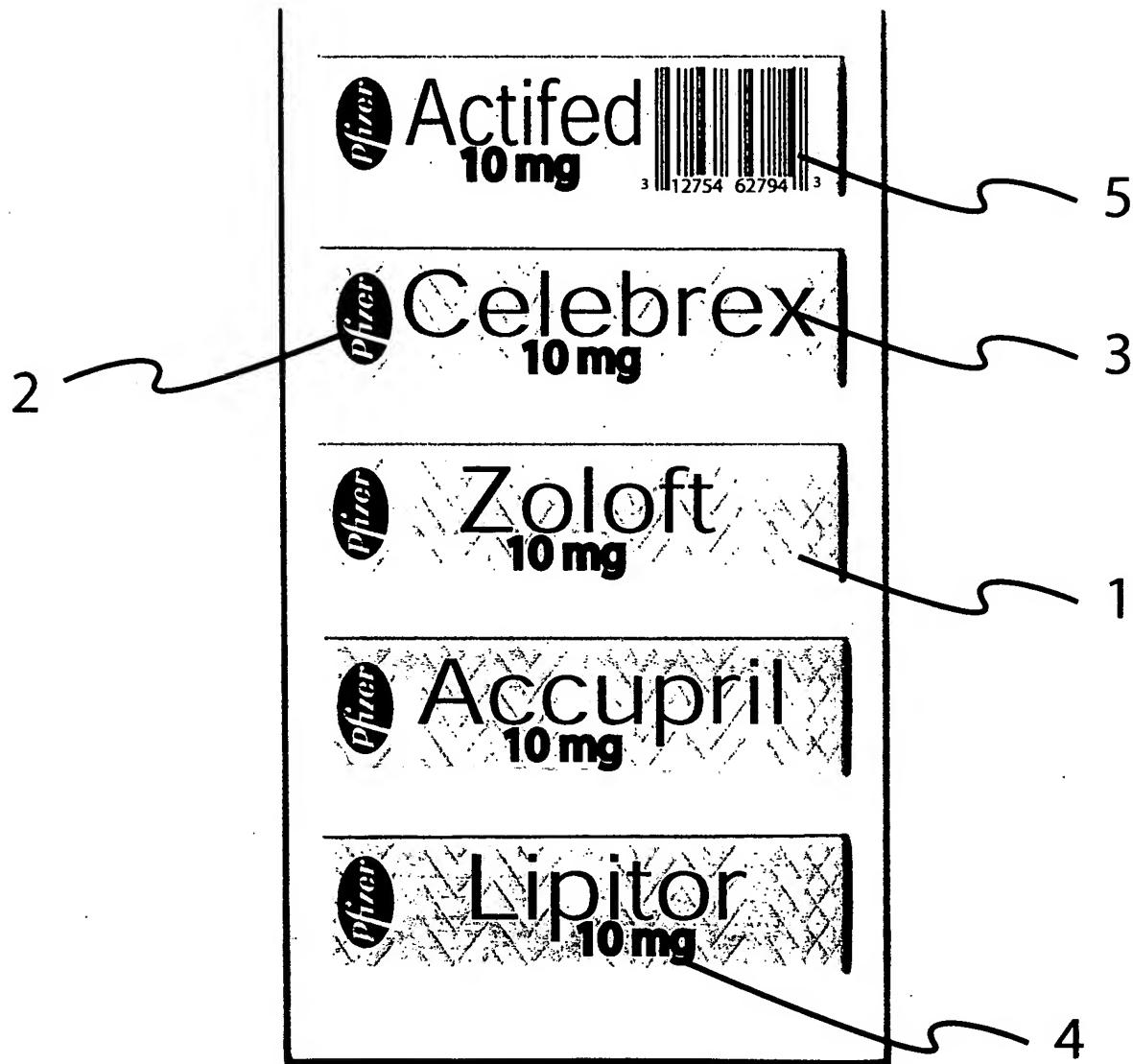


FIG. 1

**Background Of The Invention:**

It is recognized that chewing gum can be an effective method used to deliver medications. Generally the medication is mixed into the chewing gum product thereby controlling the dose of medication given to the patient in each chewing gum portion. The problem is how can the doctor and patient easily visually identify the medication and dosage. This problem increases when the doctor is dealing with elderly or with physically or mentally impaired patients. Safe recognition and administration of drugs is a vital and legal issue.

**Summary Of The Invention:**

In the process here in taught, the medication, the dosage, the manufacturer, and barcode for the medication batch are printed on the surface of the gum in an edible colored material with the colors used to aid the patient and medical personnel in immediate recognition of a particular medicated gum and in differentiating it from other medicated gums.

**Detailed Description:**

The accompanying drawing further clarifies the embodiment of the present invention:

FIG. 1 shows five pieces of [1] chewing gum overprinted edible colored flavored materials in patterns showing [2] the manufacturer's logo, [3] the name of the medication, [4] the dosage, and [5] the barcode of the batch of manufacture, which could be printed on the opposite side of the stick of gum to allow the name of the medication to be shown as large as possible.

Because many varying and different embodiments may be made within the scope of the invention herein taught and because modifications may be made in the embodiment herein detailed in accordance with the descriptive requirements of the law, it is to be understood that details herein are to be interpreted as illustrative and not limiting.